

REMARKS

This Response is in reply to the non-Final Office Action mailed on May 7, 2004. Claims 1-7 and 9 are pending in this application. Claims 1 and 5 have been amended to include the features recited in canceled claim 8. No new matter has been added. Entry and reconsideration of the amendments and following remarks is respectfully requested.

Rejection of Claims 1, 3, 5, 7 and 8

Claims 1, 3, 5, 7 and 8 were rejected under 35 U.S.C. §103 (a) as being unpatentable over Smith in view of Goss et al. The Examiner's rejections are respectfully traversed.

The Smith reference relates to printers and is not prior art. Smith teaches an apparatus for identifying a media type to be printed upon and communicating the identification to a printer. Applicants' method and device is for monitoring and storing properties of a roll of paper/board or pulp and finishing/converting machine as recited in the claims. The printer of Smith and Applicants' invention are in two totally different fields of art. An artisan of ordinary skill in the art would not take media to be printed, even if the media is provided in a roll, and use it for a roll which is a functional part of the machine for producing paper/pulp. Because the media is only processed and printed on by the machine, the media can not even be considered or analogized to the roll in Applicants' invention. A media roll is not a functional part of the printer. It seems the Examiner has incorrectly drawn an analogy between a roll of media to be printed (paper, vellum, film) and the roll according to Applicants' invention.

Also, in Smith, the properties to be monitored concern only properties of media and not the properties of the machine (i.e. printer). The sensor reads the coded indicia from the edge of the media roll, sends the data to the controller and causes the inkjet printhead to eject ink droplets onto the media. In other words, Smith teaches that information (data) stored in a memory unit and the properties to be monitored concern something which has no relation to the machine itself. In Applicants' device and method claims, the properties of the roll and/or the ambient conditions and the changes taking place in the properties and/or ambient conditions of the roll are stored and monitored. In addition, the storing of the changes takes place in connection with the manufacture or servicing of the component (i.e. roll). Applicants' device is concerned with storing data related to drive history and the history of certain properties of the roll.

With regard to the Goss reference, Goss merely discloses a sheetmaking machine having a roller that is imbedded with a sensor. The sensor is for detecting property changes of an aqueous mixture (referred to as wetstock) as the roller rotates and comes into contact with the mixture. The sensor then provides information which can be used to monitor and control the quality of the paper sheet produced by the sheetmaking machine. The stored measurement information is the properties of the paper web. Therefore, Goss teaches to measure and detect the properties of the web and not the roll itself.

In Applicant's claims, the stored information is the properties of the roll which is a functional part of the machine, unlike the web which is produced by the machine. Such properties include diameter of the roll, weight of the roll, deflection of a mantle of the roll, a composition of

a surface material of the mantle of the roll, surface roughness of the roll, hours of operation of the roll and operations carried out during the servicing of the roll. Monitoring and storing the information of the properties of the web is totally irrelevant to the objectives of the present invention.

Applicants submit that there is absolutely no teaching or suggestion in Smith that would lead one to combine the teachings of that reference with the disclosure of Goss. There is no hint or suggestion in Smith that storage of data, changes and control values in memory for the roll, a functional part of the machine, would be beneficial, necessary or even desired. Accordingly, absent some motivation, one of ordinary skill in the art would not combine the invention of Smith with the disclosure of Goss. Furthermore, Applicants submit that even if the two references were combined, the result would not be the present invention.

Accordingly, Applicants assert that claims 1, 3, 5, 7 and 8 are patentable over the cited prior art. It is therefore respectfully requested that the rejection of the claims under 35 U.S.C. §103(a) be withdrawn.

Rejection of Claims 2 and 6

Claims 2 and 6 were rejected under 35 U.S.C. §103 (a) as being unpatentable over Smith in view of Goss et al. and further in view of Allmann. The Examiner's rejections are respectfully traversed.

By reason of their dependency from independent claims 1 and 5, the Applicants assert that claims 2 and 6 are also patentable over the cited prior art.

Rejection of Claims and 9

Claims 4 and 9 were rejected under 35 U.S.C. §103 (a) as being unpatentable over Smith in view of Goss et al. and further in view of Adams. The Examiner's rejections are respectfully traversed.

By reason of their dependency from independent claims 1 and 5, the Applicants assert that claims 4 and 9 are also patentable over the cited prior art.

Conclusion

In view of the amendments to the claims made herein and the arguments presented above it is submitted that the Examiner's rejections and objections have been overcome and should be withdrawn and the claims should be allowed.

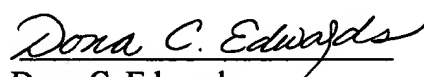
It is believed that the submission of this Amendment is timely. In the event that any extensions and/or fees are required for the entry of this Amendment, the Commissioner is specifically authorized to charge such fee to Deposit Account No. 50-0518 in the name of Steinberg & Raskin, P.C.

Should any changes to the claims and/or specification be deemed necessary to place the application in condition for allowance, the Examiner is respectfully requested to contact the undersigned to discuss the same.

An early and favorable action on the merits is earnestly solicited.

Respectfully submitted,

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